



भारत का राजपत्र

The Gazette of India

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PUBLISHED BY AUTHORITY

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No. 46] NEW DELHI, SATURDAY, NOVEMBER 18, 1989 (KARTIKA 27, 1911)

इस भाग में भिन्न पृष्ठ संख्या की जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
(PART III—SECTION 2)

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 18th November 1989
ADDRESS AND JURISDICTION OF OFFICES OF

THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor, Lower Parel (West),
Bombay-400 013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Lakshadive, Minicoy and Amindivi Islands.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Telegraphic address "PATENTS".

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

*Fees :—*The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
एकस्थ तथा अभिकल्प

कलकत्ता, दिनांक 18 नवम्बर 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा अस्सी, विल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादर्शनिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेंट
तीसरा तल, लोअर पर्सेल (पर्सिचम),
बम्बई-400 013.

तार पता—“एंटोफिस”

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र
एवं संघ शासित क्षेत्र गोआ, दमन तथा दिव
एवं वादरा और नगर हवेली।

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोलबाग,
नई दिल्ली-110 005.

तार पता—“पेटेंटोफिस”

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश
राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा विल्ली।

CORRIGENDUM

In the Gazette of India, Part-II, Section-2 dated 23rd September 1989, under the heading “PATENTS SEALED” delete the number 164177.

REGISTRATION OF PATENT AGENT

The following person has been registered as Patent Agent :—

Shri R. Daiveekam,
220/25, Third Main Road,
Vytikaval,
Bangalore-560 003.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Patent Act, 1970.

The 6th October 1989

831/Cal/89. Emitec Gesellschaft fur Emissionstechnologie Mbh. A process for producing connections.

832/Cal/89. Leonid Alexandrovich Mirkind-Ussr; Svetlana Mikhailovna Firger-Ussr; Olga Ivanovna Khenen-Ussr; Miroslava Mikhailovna Babkina-Ussr. Process for preparing composition for cathodic electrodeposition.

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600 002.

तार पता—“पेटेंटोफिस”

आंध्र प्रदेश, कर्नाटक, करेल, तीमिलनाडु राज्य क्षेत्र
एवं संघ शासित क्षेत्र पाण्डुचेरी, लक्ष्मीपौर,
मिनिकाय तथा एमिनिविवि द्वीप।

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय भवन,
5, 6 तथा 7 वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700 020.

तार पता—“पेटेंट्स”

भारत का अवशेष क्षेत्र।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अंगृहीत अभी आवेदन पत्र, मूल्यांकन, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जायेगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनावेश अथवा डाक आवेदन या जहां उपयुक्त कार्यालय अवैस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक उपाय अथवा बैंक द्वारा की जा सकती है।

833/Cal/89. Moskovskaya Tabachnaya Fabrika “Yava” USSR. Composition for absorbing nitrogen oxide from tobacco smoke method for absorbing nitrogen oxide using said composition, filter for purifying tobacco smoke using said composition and method for impregnating the base of a filter with said composition.

834/Cal/89. Institut Khimicheskoi Fiziki Akademii Nauk USSR Moskovsky Filial-Vsesoyuznogo Nauchno Issledovatolskogo Instituta Zhirov. Process for continuous hydrogenation of vegetable oils and fats.

835/Cal/89. Sujit Kumar Biswas. A three-phase pulse width controlled semi-converter.

836/Cal/89. Sujit Kumar Biswas. Converting single phase supply to three-phase supply.

837/Cal/89. Emerson Electric Co. Combination motor endshield and pump housing.

838/Cal/89. Emerson Electric Co. Bearing retainer for dynamoelectric motor.

839/Cal/89. Emerson Electric Co. Apparatus for making electrical connections in a dynamoelectric machine.

The 11th October 1989

840/Cal/89. Sudhirendra Dasgupta. An automatic composite pendulum producing a continuous simple harmonic motion.

841/Cal/89. Fidia S.P.A. A cosmetic article containing a total or partial ester of alginic acid or a salt thereof.
(Divisional dated 22nd June 1987).

842/Cal/89. Polyfibre SA. A fiber-reinforced hydraulically set building material and a method of producing same.

843/Cal/89. Teevac Limited. Surface treatment of metals and alloys.
(Convention dated 8th October, 1988) (U.K.) (No. 8823668.2).

The 12th October 1989

844/Cal/89. RXS Schrumpftechnik-Garnituren GmbH. Heat-Shrinkable sheathing with low susceptibility to tearing.

845/Cal/89. Ivg Australia Pty. Limited. Rotational drive control mechanism.
(Convention dated 20th October, 1988 and 9th January, 1989) (Both are Australia). (Pj 2208) (Pj 1059).

846/Cal/89. Dalmine SpA. Hermetic metal pipe joint.

847/Cal/89. Saroj Kumar. Liquid fuel (e.g. kerosene and liquid product of cellulose marketed as L.P.C or "L.P.S") cooking system.

The 13th October 1989

848/Cal/89. Peter Schmidt. A rotary table.

849/Cal/89. Ngk Insulators, Ltd. Optical fiber composite insulator and method of producing the same.

850/Cal/89. Ngk Insulators, Ltd. Optical fiber built-in type composite insulator and method of producing the same.

851/Cal/89. Brady International Corporation. Rice bran extruding apparatus.
(Divisional dated 30th May, 1986).

The 16th October 1989

852/Cal/89. Fibronit S.r.l. Building sheets of cement material reinforced with plastics mesh and glass fibres.

The 17th October 1989

853/Cal/89. (1) Jay P. White, and (2) Margaret J. Kolb. Foot sizing method and last produced thereby.

854/Cal/89. Krupp Widia GmbH. Adapter for machine-tool spindle.

855/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to generator core support system.

856/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to method and apparatus for vane segment support and alignment in combustion turbines.

857/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to apparatus for locking side entry blades into a rotor.

858/Cal/89. Westinghouse Electric Corporation. Improvements in or relating to circuit breaker with low voltage contact structure.

859/Cal/89. Stephen M. Madigan. Energy efficient frost-free refrigerator.

The 18th October 1989

860/Cal/89. Unilever Plc. Dual cosmetic applicator and container.

861/Cal/89. Du Pont Canada Inc. Spinning pack designs.

862/Cal/23. E. I. Du Pont De Nemours and Company. Process for increasing the molecular weight of a polyamide.

863/Cal/89. Steelworth Limited. Improved cutting rings and Ctc Rollers having the same for the Ctc machines.

864/Cal/89. United Technologies Corporation. Method of and arrangement for reducing bearing loads in scroll compressors.

Applications for patents filed at the Patent Office Branch, Municipal Market Building, IIIrd Floor, Karol Bagh, New Delhi-5.

The 11th September 1989

810/Del/89. Mrs. Vidya Devi, "Micro processor aided locomotive driving technique".

811/Del/89. The Lubrizol Corporation, "Novel carbamate additive for functional fluids".
[Divisional date 7th December, 1986].

812/Del/89. Union Carbide Corporation, "Hollow fiber multimembrane cells and permeators".

The 12th September 1989

813/Del/89. Bharat Heavy Electricals Ltd., "A water level indicator".

814/Del/89. Bharat Heavy Electricals Ltd., "Air flow control".

815/Del/89. Concentric Pumps Ltd., "Improvements relating to gerotor pumps".
(Convention date 28th September, 1988) (U.K.) & (9th June, 1989 (U.K.).

816/Del/89. UOP Inc., "A process for the dehydrocyclodimerization of aliphatic hydrocarbons".
[Divisional date 26th November, 1986].

817/Del/89. Dinali Martinesco, "New Detachable button".

818/Del/89. Allied-Signal Inc., "Osmotic absorbents".

The 13th September 1989

819/Del/89. Societe Nationale Industrielle, "Flapping res-trainer device for rotorcraft rotor blades, and rotor head comprising said device".

820/Del/89. Saft, "Process for ultra-rapidly charging sealed nickelcadmium storage battery".

821/Del/89. Buchmann Industries, Inc., "Fabric expansion joints for exhaust systems of gas turbines".
(Convention date 15th September, 1988) (Canada).

The 14th September 1989

822/Del/89. Prabir Kumar Basudhar & Samir Chauhan, "Soil strength testing apparatus".

The 15th September 1989

823/Del/89. Aaditya Gupta, "A temper proof seal for general purposes".

824/Del/89. Sheal Mittal, "An improved method for studying fourier components of a complex wave".

825/Del/89. Chief Controller of Research & Development, Ministry of Defence, "Synthesis of novel unsaturated polyester to be used as inhibitor for composite modified double base (CMDB) propellants".

826/Del/89. Sambasivan Venkat Eswaran, "A process for preparing halogen containing aryl azide".

827/Del/89. Bhullar Machines Pvt. Ltd, "A pocket wheel".

828/Del/89. Sambasivan Venkat Eswaran, "A process for preparing novel halogen".

829/Del/89. Council of Scientific & Industrial Research, "A process for the preparing of 2-amino-1-phenyl-1-propanol (phenylpropanolamine B.P.)".

830/Del/89. Anand Kumar, "Radiogeophone".

831/Cal/89. The B. F. Goodrich Co., "Novel carbamate additive for functional fluids". [1st December, 1986].

832/Del/89. Energy Conversion Devices, Inc., "Hydride reactor apparatus for hydrogen comminution of metal hydride hydrogen storage material".

Applications for patents filed in the Patent Office Branch at Todi Estates, 3rd Floor, Sun Mill Compound, Lower Parel (West), Bombay-13.

The 11th September 1989

248/Bom/89. The Associated Cement Companies Ltd. Improved two-stage process of manufacturing stabilized sintered dolomite refractory aggregates and calciumsilicate bonded burnt dolomite refractory bricks/ shapes with high hydration and thermal shock resistance properties made from such aggregates.

249/Bom/89. NKK Corporation. Apparatus for pelletizing material.

250/Bom/89. NKK Corporation. Apparatus for charging material to be sintered into a sintering machine.

The 12th September 1989

251/Bom/89. Datta Savaram Lande. Continuous vacuum pan for crystallization of sugar.

252/Bom/89. The Tata Oil Mills' Co. Ltd. A process for the manufacture of plant growth regulator from rice bran fatty acid distillation residue.

253/Bom/89. Upinder Singh Santosh Singh Narula. Peekaboo block.

The 13th September 1989

254/Bom/89. DCW Ltd. Improvements in or relating to the manufacture of soda ash.

The 18th September 1989

255/Bom/89. Dr. Sachi Mishra & K. R. K. Rao. Dicarboxylic acids and diols from the residue obtained from recovered glycol distillation plant.

256/Bom/89. Anand Govind Bhole. Static Flocculator (SF3).

The 19th September 1989

257/Bom/89. Deepak Manikrao Pawar. Composite material leaf spring assembly.

258/Bom/89. Bhabha Atomic Research Centre. An improved method for the detoxification of a fluorine containing aqueous effluent.

The 20th September 1989

259/Bom/89. Shirish Bhailal Patel. An improved high bay tube lights fitting system.

The 25th September 1989

260/Bom/89. M. D. Agarwal and Kumari Bharti Agarwal. Memory Playing Cards.

The 26th September 1989

261/Bom/89. Upinder Singh and Santosh Singh Narula. Push Button Hand Shower with Pivotal Stand.

262/Bom/89. Hindustan Lever Ltd. 17th October, 1988 Great Britain. Process for preparing improved Hydrolysed Protein.

263/Bom/1989. Hindustan Lever Ltd. 17th October, 1988 Great Britain. Process for preparing improved Hydrolysed Protein.

264/Bom/1989. Hindustan Lever Ltd. 17th October, 1988 Great Britain. Process for preparing improved Hydrolysed Protein.

The 28th September 1989

265/Bom/1989. Hindustan Lever Ltd. Extraction.

266/Bom/1989. Hindustan Lever Ltd. Ekin Composition.

Applications for patents filed at the Patent Office Branch, 61, Wallajah Road, Madras-600 002.

The 18th September 1989

691/Mas/89. Carlo Rebuffat. Compression device for the anastomosis of hollow organs.

692/Mas/89. Maschinenfabrik Rieter AG. Double feed table.

693/Mas/89. Maschinenfabrik Rieter AG. Nipper jaw unit for a combing machine.

694/Mas/89. The Charles Stark Draper Laboratory, Inc. Apparatus for forming a seam.

695/Mas/89. The Charles Stark Draper Laboratory, Inc. Full felled seam fold assembly.

696/Mas/89. Monsanto Company. A process for making an apparel yarn suitable for drawtexturing and an apparel yarn thereto.

(Divided out of Patent Application No. 15/Mas/86).

The 19th September 1989

697/Mas/89. BASF Aktiengesellschaft. Elimination of hydroxylammonium salts from waste-waters containing such salts.

698/Mas/89. Du Pont-Mitsui Fluorochemicals Company, Ltd. Solvent composition for dehydration.

699/Mas/89. Lancet S.A. Cooking system.

The 20th September 1989

700/Mas/89. Kadarundalige Sitaramadas Gururaja Doss. Improved invasive imbibition device, the invasive imbibition pressure feeder.

701/Mas/89. Sterimatic Holdings Limited. Improvements in or relating to injection devices. (October 5, 1988; United Kingdom).

702/Mas/89. Shell Internationale Research Maatschappij B.V. Apparatus for separating solid particles from a fluid. (September 22, 1988; United Kingdom).

703/Mas/89. Dimac Medical Limited Partnership. Inter-dental immobilization Device. (September 27, 1988; Canada).

The 21st September 1989

704/Mas/89. Gundlamadugu Jaya Prakash Babu. Solar lighting system.

705/Mas/89. Herling GmbH. Filter for separating solid particles from hot gaseous or liquid media. (June 5, 1989; Canada).

706/Mas/89. Hampshire Advisory and Technical Services Limited. Water purifying system. (September 23, 1988; United Kingdom).

The 22nd September 1989

707/Mas/89. British Gas plc. Catalysts. (September 23, 1988; United Kingdom).

The 25th September 1989

708/Mas/89. Maschinenfabrik Rieter AG. A feed table of a drawframe arrangement.

709/Mas/89. Maschinenfabrik Rieter AG. Device for the introduction of the thread in the catcher slot of an empty bobbin tube.

710/Mas/89. Maschinenfabrik Rieter AG. Combing Machine.

711/Mas/89. Union Carbide Chemicals and Plastics Company Inc. Process for the preparation of alpha-olefin polymers.

712/Mas/89. Maschinenfabrik Rieter AG. Spinning machine.

713/Mas/89. Maschinenfabrik Rieter AG. Spinning Machine.

714/Mas/89. Nu-Pipe, Inc. Improvement in method and apparatus for installing a replacement pipe in an existing underground conduit.

The 26th September 1989

715/Mas/89. Klockner Stahl GmbH. Process and apparatus for the transportation of liquid metal from a metallurgical furnace into a casting vessel.

716/Mas/89. CIBA-GEIGY AG. Crosslinked siloxaneurethane polymer contact lens.

717/Mas/89. Ciba Geigy AG. Molded polymers with hydrophilic surfaces and process for making them.

718/Mas/89. Asea Brown Boveri Ltd. Parasitic-ground current indicator for electrical system.

The 27th September 1989

719/Mas/89. Maschinenfabrik Rieter AG. A transverse conveyor arrangement at the outlet of a card.

720/Mas/89. Maschinenfabrik Rieter AG. Lubricating device for the revolving flat arrangement of carding machine.

721/Mas/89. Maschinenfabrik Rieter AG. Revolving flat arrangement for a carding machine.

The 28th September 1989

722/Mas/89. Plessey Overseas Limited and GEC Plessey Telecommunications Limited. Asynchronous time division switching arrangement and a method of operating same.

(October 7, 1988; United Kingdom).

723/Mas/89. DCRS (Barbados) Limited. Waterflow differential electrical charging process for ores. The 7th October, 1988; United Kingdom).

The 29th September, 1989.

724/Mas/89. Kaliappa Gounder Subramaniam. Disc assembly for electronic twist tester and microprocessor twist tester.

725/Mas/89. Sollac. Method and device for forming a sheet-metal blank in particular for making a cathode tube mask, and cathode tube mask obtained according to this method.

726/Mas/89. Hedley Pruvis Limited. Hydraulic bolt tensioner.

(October 6, 1988; United Kingdom).

OPPOSITION PROCEEDINGS

(1)

An Opposition has been entered by M/s. Dalmia Magnesite Corporation to grant of a Patent on application No. 164603 (948/Del/85) dated 14th November, 1985 made by Sulzer Brothers Limited.

(2)

An Opposition has been entered by M/s. Bajaj Auto Limited to grant of a Patent on application No. 164655 (836/Del/85) dated 9th October, 1985 made by M/s. Piaggio & CSPA.

(3)

An Opposition has been entered by M/s. Bajaj Auto Limited to grant of a Patent on application No. 164656 (838/Del/85) dated 9th October, 1985 made by M/s. Piaggio & CSPA.

PATENTS SEALED

163042	163681	163835	163837	164016	164030	164055
164056	164072	164099	164106	164108	164115	164134
164150	164172	164173	164175	164186	164192	164194
164195	164196	164201	164202	164205	164362	164373
164374	164376	164377	164378	164379	164380	

CAL — 9

MAS — 14

DEL — 10

BOM — 1.

AMENDMENTS PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that National Council for Cement and Building Materials, an institute registered under Societies Registration Act M-10, South Extension, Part-II, Ring Road, New Delhi-110049, India has made an application on form 29 under section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 160064 (73/Del/84) for An Improved Cyclone separator for cleansing of a gaseous stream. The amendments are by way of to bring on record change of names of the applicant. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110 005.

If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that the Manjarabad Venkata-ramanaswamy Naik Sreenivasa Raju, an Indian citizen, of 119, 1st A Cross, 3rd Main, Domlur 2nd Stage, Indiranagar, Bangalore-560 038, Karnataka, has made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of his application for Patent No. 163370 for "A FLOATING HEAT BARRIER DEVICE TO GUIDE AND FOR CHANNELISE HOT WATER ON THE SURFACE OF A WATER RESERVOIR IN A PREDETERMINED ROUTE(S) LENGTH(S) FOR COOLING THE SAME". The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110 005.

If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that The Associated Cement Companies Limited, an Indian company duly registered and

incorporated under the Companies Act and having its office at Cement House, 121, Maharshi Karve Road, Bombay-400020, Maharashtra, India, have made an application under Section 57 of the Patent Act, 1970 for the amendment of complete specification for Patent No. 164936 (2/BOM/1987). The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estates, 3rd Floor, Sun Mill Compound, Lower Parel (W), Bombay-400 013 on any working day during the usual office hours or copies of the same can be had on payment of usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition in form-30 alongwith full written statement within three months from the date of this notification at the Patent Office Branch, Bombay.

If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice of opposition.

RENEWAL FEES PAID

144647	144939	144985	145726	145796	146679	146748
146911	147039	147321	147380	147712	147887	148126
148205	148367	148463	148703	148768	148776	148777
148779	148782	149199	150088	150319	150329	150366
150367	150368	150517	150688	150994	151021	151566
151763	151924	152022	152112	152259	152340	152428
152605	152658	152816	152897	153003	153008	153134
153149	153289	153608	153843	154193	154195	154510
154514	154516	154520	154551	154555	154569	154577
154675	154972	155305	155365	155472	155501	155746
156278	156477	156613	156660	156675	156850	156867
156869	156880	156881	156903	156904	156980	156985
157089	157357	157387	157448	157533	158105	158139
158237	158310	158373	158380	158472	158519	158523
158526	158529	158530	158544	158551	158571	158572
158603	158879	159063	159365	159630	159728	159729
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CESSATION OF PATENTS

156736

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह भूचना दो जाती है कि सम्बद्ध आवंदन में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक एसी अवधि जो उक्त 4 महीन की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी भी नियन्त्रक, एकस्व को एसी विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे विए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप है।"

नीचे सूची गत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतिग्राम, भारत सरकार बुक डिपो, 8 किरण शंकर राय रोड, कलकत्ता में विक्रय होते यथा समय उपलब्ध होगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाएं तो अतिरिक्त डाक रुप्त)। मुद्रित विनिर्देश की आपूर्ति होते मात्र पत्र के साथ निम्नलिखित सूची में यथा प्रवर्णित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियाँ यदि कांइ हों; के साथ विनिर्देशों की टांकित अथवा फोटो प्रतियाँ की आपूर्ति पेटेंट कार्यालय, कलकत्ता, द्वारा विहित लिप्यन्तरण प्रभार (उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपर्यंत उसकी

अदायगी पर को जा सकती है। विनिदेश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिदेश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (व्योमिक प्रत्येक पृष्ठ का लिप्यात्तरण प्रभार 4/- रु. है) फोटो लिप्यात्तरण प्रभार का परिकलन किया जा सकता है।

Int. Cl. : C 12 n 15/00.

165561

PROCESS FOR OBTAINING DNA, RNA, PEPTIDES, POLYPEPTIDES, OR PROTEINS BY RECOMBINANT DNA TECHNIQUES.

Applicant & Inventor : MARC BALLIVET, OF 15, RUE MUZY, 1207 GENEVA, SWITZERLAND AND STUART ALAN KAUFFMAN, OF 615 OLD GULPH ROAD, BRYN MAWR, PENNSYLVANIA 19010, U.S.A.

Application No. 127/Cal/1986 filed February 20, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

35 Claims

Process for the production of peptides, polypeptides or proteins or of DNA or RNA, characterized in that a plurality of different genes at least partially composed of stochastic synthetic polynucleotides are simultaneously produced by copolymerization of oligonucleotides, that the genes thus obtained are introduced into host cells, that the independent clones of the transformed host cells containing these genes are simultaneously cultivated so as to clone the stochastic genes and lead to the production of proteins expressed by each of these stochastic genes, that screening and/or selection is carried out on such clones of transformed host cells in a manner to identify those clones produced peptides or polypeptides having at least one specified property, that the clones so identified are isolated, then grown in a manner so as to produce at least one peptide or polypeptide having the said property.

Compl. specn. 32 pages

Dra. Nil

Int. CLASS : C 081 1/08

165562

LIQUID POLYMER CONTAINING COMPOSITIONS FOR THICKENING AQUEOUS MEDIA.

Applicant : BAROID TECHNOLOGY, INC., OF 3000 N. SAM HOUSTON PARKWAY E., HOUSTON, TEXAS 77032, U.S.A.

Inventors : (1) DONALD RAY SIEMS, (2) JAMES ALEXANDER PELEZO, (3) GARRY EDWARD CORBETT, JR.

Application No. 159/Cal/1986 filed March 04, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A liquid, pourable, water dispersible polymer containing composition for thickening aqueous media for example fresh water or oil field brines, comprising hydroxyethyl cellulose, an oil based liquid, for example liquid aliphatic and aromatic hydrocarbons, petroleum oils, diesel oil, kerosene, substantially aromatic free mineral oil and mixtures thereof, and an effective gelling amount of a gelling agent in amounts of at least 0.15% based on the total weight of the composition, comprising at least one compound selected from the group of aluminium salts consisting of aluminium oxyalkyl phosphates aluminium oxyalkyl phosphates and aluminium oxalkyl phosphates, said salts having the structural formula 1 of the accompanying drawings wherein :

a = 0 to 2,

b = 1 to 3,

c = 1 to 5,

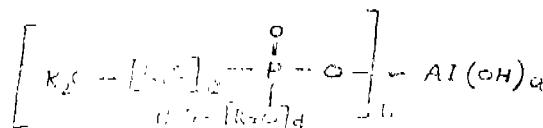
d = 1 to 5,

and the sum of a + b = 3;

R_1O and R_3O = an alkoxy, alkenyloxy or alkynyoxy group containing from 1 to 18 carbon atoms, or $CH_2CH(CH_3)O$, or CH_2CH_2O or OH , and;

R_2O and R_4O = an alkoxy, alkenyloxy or alkynyoxy group containing from 1 to 18 carbon atoms,

and where R_1O and R_3O may differ from each other but shall together contain from 1 to 24 carbon atoms, and R_2 and R_4O may differ from each other but shall together contain from 1 to 20 carbon atoms, provided that at least one R_1O and R_3O shall be either $CH_2CH(CH_3)O$ or CH_2CH_2O and provided further that where either R_1O and R_3O is neither $CH_2CH(CH_3)O$ nor CH_2CH_2O , then the respective R_2O and R_4O group otherwise bonded thereto shall be deleted and further provided that the number of carbon atoms in at least one of R_1 , R_2O , R_3O is at least 6, and an effective amount of a surfactant sufficient to retard settling and hard packing of said hydroxyethyl cellulose.



Formula I

Compl. specn. 15 pages

Drg. 1 sheet

CLASS : 72-B

165563

Int. Cl. : C 06 b 31/00, 31/08, 31/28.

A STORAGE-STABLE EXPLOSIVE COMPOSITION.

Applicant : F.I. DU PONT DE NEMOURS AND COMPANY, LOCATED AT WILMINGTON, DELAWARE 19898, U.S.A. AND DU PONT CANADA INC., BOX 2200, STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA L5M 2H3.

Inventors : (1) JAMES HERMAN OWEN II, (2) GORDON RUSSEL HONEYMAN.

Application No. 166/Cal/1986 filed March 06, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A storage-stable explosive composition comprising :

a sensitized blend formed by combining inorganic nitrate particles such as herein described and an aqueous slurry comprising a thickened aqueous solution of an inorganic oxidizing salt such as herein described;

said slurry's water content and viscosity being restricted so as to make said slurry at once flowable and water-retentive;

said slurry, in said storage-stable explosive composite comprising a crosslinked slurry and constituting from 5 to 60 per cent; and

said nitrate particles from 95 to 40 per cent, of said blend by weight.

Compl. specn. 28 pages

Drg. Nil

CLASS : 6-B₃; 198-B; 88-D; 40-H 165564

Int. Cl. : B 03 b 3/00; B 03 d 1/00; 3/00.

MULTISTAGE SEPARATOR FOR SEPARATING SOLIDS FROM SOLID-LIQUID MIXTURES BY COUNTER SEPARATION.

Applicant : (1) AMBERGER KAOLINWERKE GMBH, OF GEORG SCHIFFER STR. 70, 8452 HIRSCHAU, F.R. GERMANY, and (2) DYNAMIT NOBEL AG, OF KAI-SERSTR. 1, 5210 TROISDORF, F.R. GERMANY.

Inventors : (1) ANTON SCHOENGREN, (2) JOHAN HEINRICH SCHROEDER, (3) JORG FORSCHEN, (4) FRIEDRICH DONHAUSER.

Application No. 175/Cal/1986 filed March 10, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A multistage separator comprising :

means for counter-current separation of suspended solids having physical properties similar to terephthalic acid, including groups of one or more hydro-cyclone separators connected parallel to each other, each group of hydro-cyclone separators defining a stage, the hydro-cyclone separator groups being arranged in series and including corresponding pumps and pump wells, and pipe lines connecting the hydro-cyclones, pumps and pump wells;

means for feeding separating fluid in the counter-current to the direction of feeding of the suspended solids, and;

means for treating suspended solids are under increased pressure and a substantially constant temperature, and a common pressure-proof and heat-insulated vessel defining a chamber for housing the hydro-cyclone groups, the pump wells and the pump or pump components projecting into the wells.

Compl. specn. 31 pages

Drg. 9 sheets

CLASS : 118₁, 6 & 160_c 165565

Int. Cl. B 65 g 67/00.

REGULATION AND CONTROL SYSTEM OF A BUNKER EMPTYING TRUCK FOR SLOT-TYPE BUNKERS.

Applicant : FRIED KRUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF ALTENDORFER STRASSE 103, D-4300 ESSEN 1, W. GERMANY.

Inventors : (1) RUDI ADERMANN, (2) WERNER RECHE.

Application No. 173/Cal/1986 filed March 10, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Regulation and control system of a bunker emptying truck for slot-type bunkers in which the bunkered material is discharged from the bunker table on to a conveyor belt therebeneath by means of a scoop wheel mounted and driven in the bunker emptying truck and the bunker emptying truck is driven along the bunker slot by means of driven propulsion mechanisms, characterised in that the rotation rate of the scoop wheel (24) and the speed of the bunker emptying truck (16) are controlled analogously with one another by a frequency changer (28) which simultaneously actuates the drive system of the scoop wheel and the drive systems of the wheel shafts of the propulsion mechanism.

Compl. specn. 14 pages

Drg. 4 sheets

CLASS : 165566

Int. Cl. : H 02 h 3/08.

DEVICE FOR PRODUCING CIRCUIT-BREAKING SIGNALS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, D-8000 MUNCHEN 2, WEST GERMANY.

Inventors : (1) ROBERT KUGLER, (2) HANS-EBERHARD SIMMEL.

Application No. 260/Cal/1986 filed April 01, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A device for producing a circuit-breaking signal in dependence upon the magnitude and the duration of an excess current, comprising :

- (a) sampling means for sampling a rectified measured quantity derived from the excess current, and a conversion means for converting the sampled measured values into corresponding digital values;
- (b) weighing means for weighing the digital values in accordance with a predetermined function, adders for adding (18, 20) said sample values means (29) for causing the circuit-breaking signal to be formed if the sum value exceeds a predetermined comparison values and means for interrupting the addition prior to formation of the circuit-breaking signal in the event the excess current falls below a predetermined threshold for a period of time;
- (c) means (18, 20, 32) for the formation of an auxiliary quantity (01) which corresponds to the difference quotient or differential quotient of a rectified measured quantity;
- (d) means (29) for investigating the auxiliary quantity in respect of its sign, and in the event of a change in its sign from positive to negative storing the sampled maximum value occurring at that time, and added in clock-controlled fashion until the signal again changes from positive to negative;
- (e) means for comparing the absolute amount of the auxiliary quantity with a predetermined limit value and each sampled value with the predetermined threshold of the excess current and means for interrupting for interrupting the addition if the absolute amount of the auxiliary quantity is below the predetermined limit value and the sampled value of the excess current is below the predetermined threshold.

Compl. specn. 20 pages

Drg. 2 sheets

CLASS : 24-D₂ 165567

Int. Cl. : B 61 k 7/00.

ED-POSITIONING VALVE FOR RAILWAY COMPRESSED AIR BRAKE SYSTEM AND A SYSTEM INCORPORATING SUCH VALVE.

Applicant : STONE INDIA LIMITED, 16, TARATALLA ROAD, CALCUTTA-700 088, WEST BENGAL, INDIA.

Inventor : APURBA KUMAR BOSE.

Application No. 270/Cal/1986 filed April 03, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A brake discriminator positioning valve for railway compressed air brake system for pneumatically ganging control valves of the compressed air brake system comprising :

a hollow cylindrical casing with three ports formed and spaced side by side for radially apart therein, two end caps with axial passages fitted to the ends of the cylindrical casing;

a spool shaped valve within the casing having a land at each end thereof, two pairs of O-ring grooves intermediate the length of the said valve body spaced in a manner to match with the corresponding ports in the cylindrical casing to either connect its central port to its left hand one and close the right hand port, or vice versa and an "O" sealing ring fitted in each groove.

Compl. specn. 12 pages

Drg. 2 sheets

where R' and R'' are independently selected from the group consisting of alkyl and cycloalkyl having 1-20 carbon atoms, and m=0 or 1, or 1, provided that when m=0, p is 4 and n is 0-4, and when m=1, p is 2 and n=0-2, separating volatile matter therefrom and recovering a composition comprising and high molecular weight polymers.

Compl. specn. 21 pages

Drg. Nil

CLASS : 32-E 165568

Int. Cl. : C 08 I 23/00, 23/16.

POLYMERIZATION PROCESS FOR THE PREPARATION OF COMPOSITION COMPRISING HIGH MOLECULAR WEIGHT POLYMERS.

Applicant : DU PONT CANADA, INC., OF BOX 2200 STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA L5M 2H3, CANADA.

Inventor : ZBORIL, VACLAV GEORGE.

Application No. 274/Cal/1986 filed April 07, 1986.

Convention dated 12th April, 1985 (No. 85.09452) (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

Polymerization process for the preparation of composition comprising :

high molecular weight polymers selected from the group consisting of homopolymers of ethylene or alpha-olefin homologues thereof and copolymers of ethylene with alpha-olefin homologues thereof;

said process comprising feeding corresponding monomer(s) and a titanium based coordination catalyst to a reactor;

polymerizing by conventional method said monomers at temperature of up to 320°C, deactivating by any of the conventional methods the catalyst and admixing with the resultant polymer, an organo-zirconium compound selected from the compounds of the formula



CLASS : 69-I 165569

Int. Cl. : H 01 h 3/38.

CIRCUIT BREAKER WITH ARM LATCH FOR HIGH INTERRUPTING CAPACITY.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : (1) DAVID ANTHONY LEONE, (2) DOUGLAS CHARLES MARKS.

Application No. 278/Cal/1986 filed April 09, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An electric circuit breaker comprising :

a pair of cooperable contacts, operating means including a crossbar supported for pivotal movement thereof about its longitudinal axis;

a movable contact arm carrying one of said contacts adjacent one end thereof and supported near its opposite end on the crossbar for movement together therewith between a contact-open position and a contact-closed position;

said contact arm being pivotally supported on the crossbar so as to be movable independently thereof from the contact-closed position to the contact-open position, and said contact arm, when in said contact-closed position and with current flowing therethrough, being subject to an electrodynamic force varying directly with the magnitude of the current and tending to drive the contact arm to said contact-open position, and restraining means supported on said crossbar for normally constraining the contact arm to move only together and in unison with the crossbar under the action of said electrodynamic to the contact-open position independently of the crossbar under the action of said electrodynamic force when the latter exceeds a predetermined level;

said contact arm having a first latching surface formed on an end portion thereof adjacent said opposite end, and said restraining means comprising a pressure plate which cooperates with the contact arm and a pressure spring to urge the latter in a direction to oppose said electrodynamic force and with a force which exceeds the electrodynamic force when below said predetermined level and is overcome by the electrodynamic force when exceeding said predetermined level;

said pressure plate having a second latching surface and is in surface-to-surface abutment therewith;

said pressure spring being arranged such that its line of action is aligned with and extends substantially perpendicular to the area of overlap and surface-to-surface abutment.

Compl. specn. 3 pages

Drg. 5 sheets

CLASS : 43-E

165570

Int. Cl. : H 04 n 1/00.

METHOD AND APPARATUS FOR PRODUCING A RECORDED VIDEOTAPE HAVING A PROCESSED VIDEO SIGNAL SO AS TO PROHIBIT THE MAKING OF ACCEPTABLE VIDEO TAPE RECORDING THEREOF.

Applicant : (1) JOHN OLIVER RYAN, OF 1035 S. SARATOGA, SUNNYVALE ROAD, SAN JOSE, CALIFORNIA 95129, U.S.A. (2) ARMAND VICTOR FARROW, OF 21900 RIVER ROAD, GUISEVILLE, CALIFORNIA 95331, U.S.A. and (3) GARY JAMES GWIZDALA, OF 21515 HAWTHORNE BOULEVARD, TORRANCE, CALIFORNIA 90503, U.S.A.

Inventor : JOHN OLIVER RYAN.

Application No. 279/Cal/1986 filed April 10, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A method for producing a recorded videotape having a processed video signal so as to inhibit the making of acceptable videotape recordings therefrom while producing a normal color picture on a television receiver, wherein the video signal has a blanking interval which includes a sync pulse, characterised in that in the course of producing the recorded videotape by method known per se a plurality of ordered pairs of pseudo-sync pulses and positive pulses are added to said video signal following said sync pulse and within said blanking interval, whereby said added pulse pairs cause an automatic gain control system in a videotape recorder to sense an erroneous indication of video signal level and produce a gain correction that results in an unacceptable videotape recording.

Compl. specn. 15 pages

Drg. 1 sheet

CLASS : 153

165571

Int. Cl. : C 09 k 3/14.

A METHOD OF PRODUCING A GRINDING COMPOSITION.

Applicant : TREIBACHER CHEMISCHE WERKE AKTIENGESELLSCHAFT, A-9330 TREIBACH, CARINTHIA, AUSTRIA.

Inventor : HANS ZEIRINGER.

Application No. 558/Cal/85 filed July 30, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A method of producing a grinding composition on the basis of alpha-alumina and at least one alumina carbide selected from the group consisting of Al_2OC and $\text{Al}_2\text{O}\text{C}_4$ which comprises steps of :

- (a) melting at a temperature greater than 1700°C a mixture of a raw material selected from the group consisting of alumina and a material rich in alumina consisting of at least 80% alumina with a carbon-containing reducing agent selected from the group consisting of coke, carbon black, graphite, anthracite and amorphous carbon or it

may be carbide such as Al_4C_3 , either alone or in combination with a metallic reducing agent such as magnesium or aluminium and an additive selected from the group consisting of magnesium, calcium, zirconium, titanium, silicon, chromium and a rare earth to obtain melt;

- (b) rapidly cooling the melt to obtain a solidified body;
- (c) breaking the solidified body into abrasive grains which may optionally be surface-coated before or after heat treatment;
- (d) subjecting the abrasive grains to a heat treatment at a temperature of between 1000°C and 1800°C for a period of three minutes to 24 hours.

Compl. specn. 25 pages

Drg. Nil

165572

CLASS : 165-B, C
Int. Cl. : D 05 b 1/00, 3/00.

DEVICE FOR ALIGNING CONTOURS OF TWO PLIES OF MATERIAL TO BE SEWN TOGETHER FOR INDUSTRIAL SEWING MACHINES.

Applicant : PROFEEL S.R.L., OF SORA (FR) VIA CHIESA NUOVA 22, ITALY.

Inventor : ANTONINO ROMANO.

Application No. 630/Cal/1985 filed September 03, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Device for aligning the contours of two plies of material to be sewn together for industrial sewing machines, characterized by that it comprises three generally rectangular shaped blades (1, 2, 3) laid one upon the other and hinged at one end to a transversal hinge pin (4) and arranged like a double pliers, wherein the lower blade (1) is supported near a sewing station (5) by a connecting bracket (6) to be fastened to a supporting means of said machine between the hinge area of said hinge pin (4) and the opposite end where a receiving area of the plies of fabric (1, T) is provided, following means being provided after one another from the hinge pin (4) of blades (1, 2, 3) onwards :

return spring means (7) of the adjustable type to bring back the blades under working conditions and to press them against the lower blade (1);

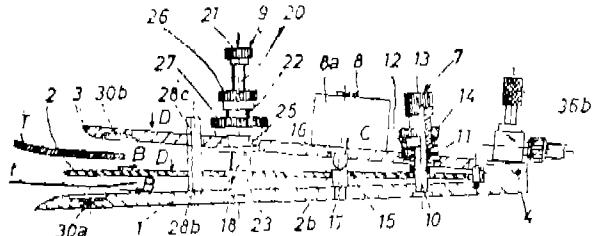
means (8) opposing the action of the return spring means (7) in order to bring the blades (1, 2, 3) from the preliminary condition to the working position, thus allowing the insertion of the plies;

angular opening controlling means (9) acting on the blades (1, 2, 3) both in the preliminary and working conditions;

abutting means (28a, 28b, 28c) for defining the aligning position of both plies; and

means to make the insertion of the contours and their alignment easier so that after the adjustment of said means according to the requirements of the plies to be sewed and to the processing conditions and after having activated the angular opening means and having inserted in the receiving area the contours of the plies to be sewed together, the angular opening means is deactivated and the aligning means is activated to automatically align the contours of the plies to be sewed to each other so that the contour of one ply is laid upon the contour of the

second ply and both plies can successively reach the sewing station generally parallel to each other.



Compl. specn. 22 pages

Drg. 3 sheets

CLASS : 194-C₁

165574

Int. Cl. : H 01 j 29/48.

INLINE ELECTRON GUNS FOR USE IN A CATHODE-RAY TUBE.

Applicant : RCA LICENSING CORPORATION OF 2 INDEPENDENCE WAY, P.O. BOX 1023 PRINCETON, NEW JERSEY, 08540, U.S.A.

Inventor : HSING-YAO CHEN.

Application No. 863/Cal/1985 filed December 03, 1985.

CLASS : 206-E 165573

Int. Cl. : H 04 n 9/00.

COLOR PICTURE TUBE HAVING AN IMPROVED EXPANDED FOCUS LENS TYPE INLINE ELECTRON GUN.

Applicant : RCA LICENSING CORPORATION, OF 2 INDEPENDENCE WAY, P.O. BOX 2023 PRINCETON, NEW JERSEY, 08540, U.S.A.

Inventor : ROGER CASANOVA ALIG.

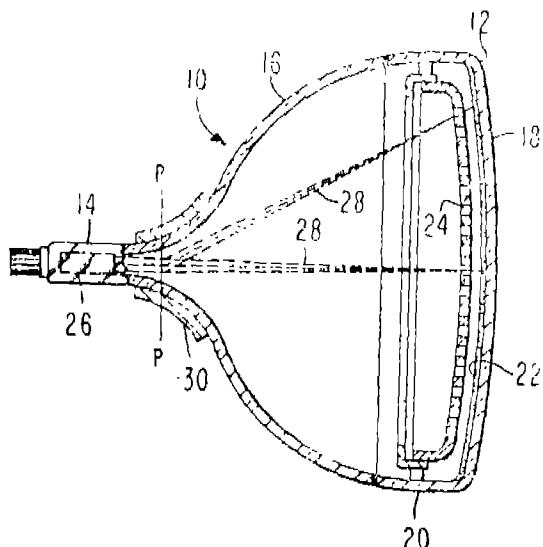
Application No. 862/Cal/1985 filed December 03, 1985.

Convention dated 21st June, 1985 (Canada) (484884).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

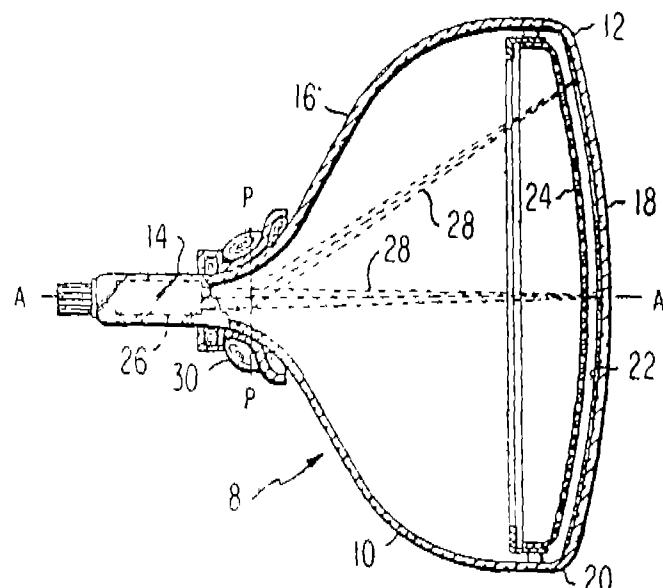
3 Claims

A color picture tube having an inline electron gun for generating and directing three electron beams, a center beam and two side beams along coplanar paths toward a screen of said tube, said gun including a main focussing lens for focusing said electron beams, the main focusing lens being formed by two spaced electrodes each having three separate inline apertures therein, each electrode also including a peripheral rim, the peripheral rims of the two electrodes facing each other, and the apertured portion of each electrode being within a recess set back from the rim, wherein the recesses of said electrodes have substantially the same dimension perpendicular to the inline direction of the inline apertures as the dimension parallel to the inline direction of the inline apertures and have lesser dimensions along diagonals angled at approximately 45 degrees with respect to the inline direction of the inline apertures.



Compl. specn. 13 pages

Drg. 3 sheets



Compl. specn. 13 pages

Drg. 3 sheets

1 Claim

An inline electron gun for use in a cathode-ray tube, said gun including, in order, three inline cathodes, a control grid having three inline apertures, screen grid electrode means including first and second spaced apart metal member, and two main focus lens electrodes, the first metal member having three elongated rectangular slots formed in a major surface thereof and a circular aperture formed within each of said slots and extending through said first member, the circular apertures facing said control grid electrode and being aligned with the apertures therein, and the second metal member having three circular apertures therethrough aligned with the apertures in said first member; wherein said gun includes means for applying a modulation voltage to said second member of said screen grid electrode means, and said first member has a thickness about four times the thickness of said second member, thereby shielding said control grid from said modulation voltage and reducing brightness modulation in said tube.

CLASS : 194-C₁

165575

Int. Cl. : H 01 j 29/00.

APPARATUS FOR TESTING A PANEL ASSEMBLY OF A COLOUR CATHODE-RAY TUBE.

Applicant : RCA LICENSING CORPORATION, OF 2 INDEPENDENT WAY, P.O. BOX 2023, PRINCETON, NEW JERSEY, 08540, U.S.A.

Inventor : JAMES REGIS MATEY.

Application No. 864/Cal/1985 filed December 03, 1985.

Convention dated 28th October, 1985 (Canada) (493944).

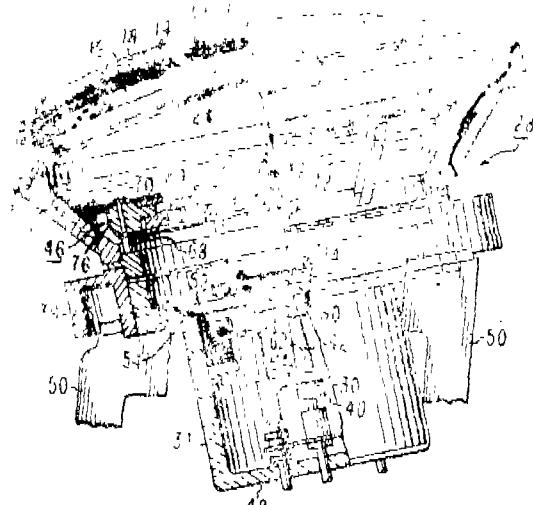
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Apparatus for testing a panel assembly of a colour cathode-ray tube prior to sealing a faceplate panel of said assembly to a funnel section of said tube, in order to detect defects in the assembly, said assembly comprising the faceplate panel, a luminescent screen disposed on said panel, an apertured shadow mask spaced from said screen, the apparatus comprising :

means for exposing said screen to radiation including ultraviolet, but substantially excluding visible, radiation passed through apertures in said mask, and

means for examining said screen for variation in colour from light emitted thereby, being indicative of defects in the panel assembly.



Compl. specn. 11 pages

Drg. 1 sheet

CLASS : 116-C

165576

Int. Cl. : B 65 g 17/00.

APPARATUS FOR SUPPLYING INDIVIDUALLY EXTRACTING ASSEMBLY PARTS FROM A CONVEYOR.

Applicant & Inventor : WALTER STICHT, KARL-HEINRICH-WAGGERI-STRASSE 8, A-4800 ATTNANG-PUCHHEIM, AUSTRIA.

Application No. 871/Cal/1985 filed December 04, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

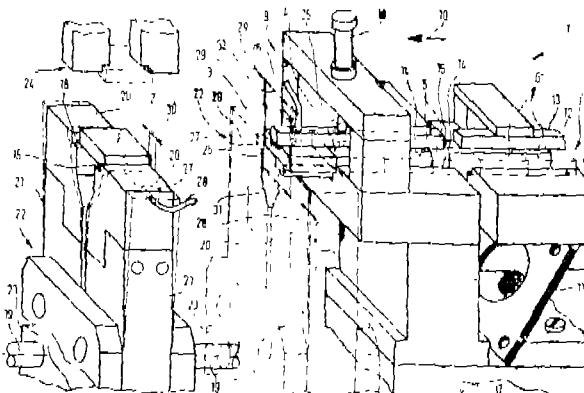
Apparatus for supplying and individually extracting assembly parts comprising :

a conveyor device for the assembly parts;
a guiding track for the singly and successively conveyed assembly parts as well as an extraction and separating device characterised in that the extraction and separating device (9) has a structure substantially corresponding to the cross-sectional shape of the guiding track (8) and comprises a device (18) for retention of the assembly parts (2-6), and that, in an extraction position, the guiding track sections (16, 42) situated on the extraction and separating device (9) are, as seen in the conveying direction (10), formed and arranged substantially congruently with respect to the guiding track elements of the preceding guiding track (8); and

that the extraction and separating device (9) is arranged to be displaceable in the conveying direction (10) of the assembly parts (2-6) with respect to the preceding guiding track (8) by means of a drive (48).

Compl. specn. 40 pages

Drg. 4 sheets



CLASS : 144-A & B

165577

Int. Cl. : B 28 b 19/00.

OPTICAL FILM.

Applicant : MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HANTUNG OF D-6100 DARMSTADT 1, FRANKFURTER STRASSE 250, F.R. GERMANY.

Inventor : YOSHIO MORITA CHEMIST.

Application No. 939/Cal/1985 filed December 31, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Process of forming a titanium dioxide film with controlled optical thickness on a surface as herein described, comprising the following steps :

(a) a pretreating step conducted in the following manner :

the surface to be coated is heated in an acidic aqueous solution containing at least one member of the group consisting of titanium ferrous, ferric, stannous and stannic salts, optionally together with a polyol, thereby forming a deposit on the surface whereafter, the so pretreated surface is subjected to;

- (b) a film-forming step wherein the surface so pretreated according to step (a) is soaked at a temperature of at least 75°C in an acidic aqueous solution containing at least 0.3 millimole Ti/l, the said step (b) being carried out following step (a) or optionally after a nucleation step (c) after step (a);
- (c) said nucleation step being carried out by soaking the pretreated surface in an acidic aqueous solution of a titanium ester and/or titanium salt containing at least 0.1 millimole Ti/l; and
- (d) subjecting the surface obtained to baking at temperature of at least 300°C at the end of either or both steps (b) and (c).

Compl. specn. 49 pages

Drg. Nil

CLASS : 129-P 165578
 Int. Cl. : B 23 b 7/00.

AN APPARATUS FOR TURNING A WORK PIECE.

Applicant : WILHELM HEGESCHEIDT GESELLSCHAFTMBH, OF NEUSSER STRASSE 3, 5140 ERKELLENZ, F.R. GERMANY.

Inventors : (1) THEODOR DOMBROWSKI, (2) HARTWIG KLOSTERHALFEN.

Application No. 66/Cal/1986 filed January 30, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

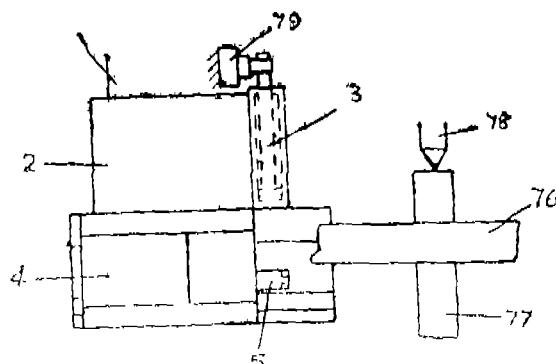
16 Claims

An apparatus for turning a work piece, comprising :

means for rotatably supporting a work piece, tool means for machining a work piece, movable tool support means for carrying said tool means, controllable drive means operatively connected to said support means for controlling the movement of said tool means, and drive control means connected to said controllable drive means for causing said tool means to follow an oscillation movement having a certain amplitude and frequency;

said oscillation movement taking place relative to a feed advance line generated by feed advance vectors forming a work piece contour;

said drive control means comprising means for adjusting said amplitude and said frequency of said oscillation movement of said tool means for assuring chip breakage.



Compl. specn. 51 pages

Drg. 13 sheets

CLASS : 108-B₁ 165579

Int. Cl. : C 21 b 11/00, 13/00.

PROCESS AND APPARATUS FOR PRODUCING SPONGE IRON PARTICLES AND MOLTEN PIG IRON.

Applicant : KORF ENGINEERING GMBH, OF NEUSSER STRASSE 111, D-4000 DUSSELDORF 1, WEST GERMANY.

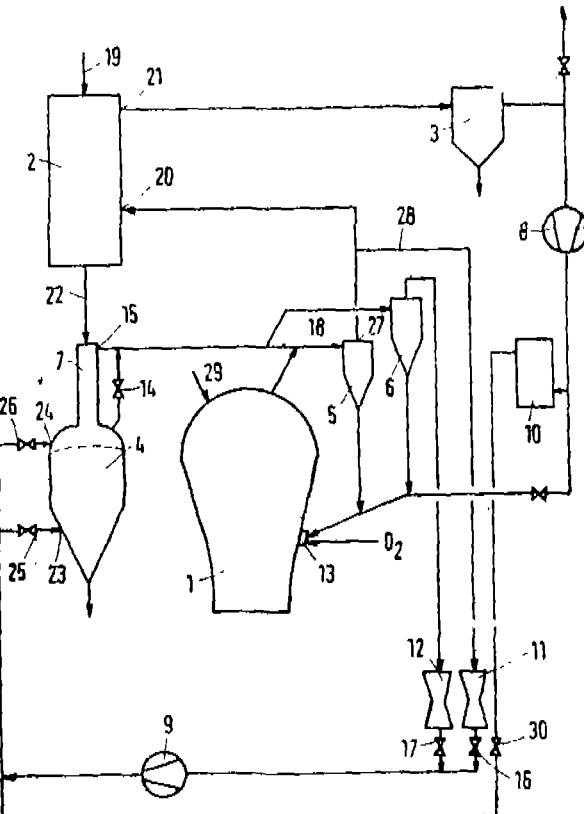
Inventor : BOGDAN VULETIC.

Application No. 77/Cal/1986 filed February 03, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

Process for producing sponge iron particles and molten pig iron from lump iron ore, in which the iron ore is reduced in a direct reduction unit by means of a reduction gas to sponge iron and the sponge iron particles discharged from the direct reduction unit are separated into a fine particle fraction and a coarse particle fraction, the fine particle fraction being fed to a melt-down gasifier in which from introduced coal and blown-in oxygen-containing gas are produced the heat necessary for melting the fine particle fraction of the sponge iron, together with reducing gas, whereof at least part is introduced into the direct reduction unit characterized in that the sponge iron particles discharged from the direct reduction unit (2) are introduced into an air classifier (7) for separating into the fine and coarse particle fraction and through which flows a cooling gas with an adjustable velocity in countercurrent to the sponge iron particles.



Compl. specn. 13 pages

Drg. 1 sheets

CLASS : 27-O

165580

Int. Cl. : E 04 b 2/00;
E06b 3/00, 9/00.

A DEMOUNTABLE OR TEMPORARY SCREEN.

Applicant & Inventor : ALEC DAVID WARD, OF 23 SAXON ROAD, PAKEFIELD, LOWESTOFT, SUFFOLK, ENGLAND.

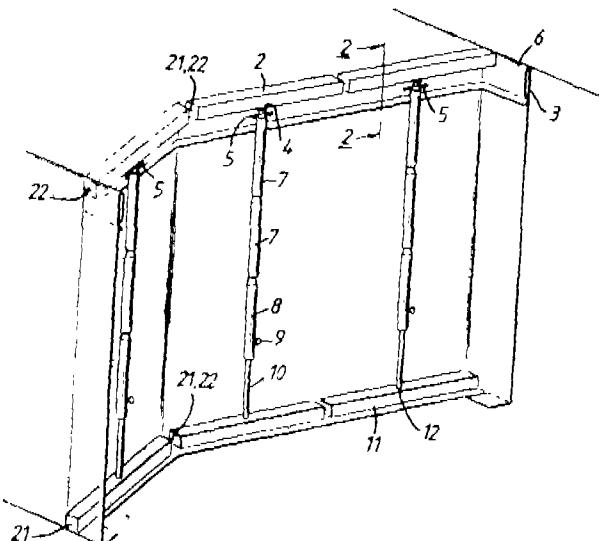
Application No. 79/Cal/1986 filed February 04, 1986.

Convention dated 5th February, 1985 (U.K.) 8502821 and 13th June, 1985 (U.K.) (85.14963), 6th September, 1985 (8522206) U.K. 11th March 1985 (8506205) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A demountable or temporary screen suitable for use such as in construction and other industries extending between first and second spaced apart surfaces and comprising a sheet of flexible material, at least one pair of rails and at least one support means each positioned between the or each pair of rails and resiliently urging them apart, the sheet of flexible material extending between the surfaces with the first portion of the sheet being retained between a first surface and one rail and a second portion of the sheet being retained between the second surface and the other rail of the or each pair of rails.



Compl. specn. 25 pages.

Drgs. 4 sheets

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 160845. Ahmed Oomerbhoy Private Limited, a company registered under the Indian companies Act, 1956, of Ahmed Oomer Street, 170 Maulana Shaukat Ali Road, Bombay 400 008, Maharashtra, India, also trading as AHMED MILLS, a firm registered under the provisions of Indian Partnership Act in Bombay, Maharashtra, India. "Container". 29th March, 1989.

Class 1. No. 160881. Bhaskar Dattatraya Bhand 5 B, Shakuntala, 75, G.M. Road, Chembur, Bombay-400 089, India. "Bottle Opener". 14th April, 1989.

Class 1. No. 160886. L.V. Sham Cottage Industries, 2292/2, Inside Gate Hakiman, Amritsar-133001, Punjab State, India. "TORCH". 14th April, 1989.

Class 1. No. 160978. NPF Type Foundry, 73, Maddox Street, Choolai, Madras-7, Tamil Nadu, India. An Indian Partnership firm. "Type Founts". 9th May, 1989.

Class 1. No. 161000. Mahinder Narain, Resident of 18, Rajpur Road, Delhi-110054, India. An Indian National. "Inlet manifold for a 4 cylinder automobile". 22nd May, 1989.

Class 1. No. 161042. Samuel Fitz & Co. Ltd., of 26, Jawaharlal Nehru Road, Calcutta-700013, West Bengal, India, an Indian Company. "Dinner Tray". 2nd June, 1989.

Class 1. Nos. 161043 & 161045. Samuel Fitz & Co. Ltd., of 26 Jawaharlal Nehru Road, Calcutta 700013, West Bengal, India, an Indian Company. "Cover for Dinner Tray". 2nd June, 1989.

Class 1. No. 161044. Samuel Fitz & Co. Ltd., of 26, Jawaharlal Nehru Road, Calcutta-700013, West Bengal, India, an Indian Company. "A dinner tray and its cover". 2nd June, 1989.

Class 1. No. 161046. Samuel Fitz & Co. Ltd., of 26 Jawaharlal Nehru Road, Calcutta-700013, West Bengal, India, an Indian Company. "Tray and its cover". 2nd June, 1989.

Class 3. No. 160720. Klas Engineering Private Limited, 31, I Block (East) Jayanagar, Bangalore-560 001, Karnataka State, India, An Indian Company. "Bottles". 14th February, 1989.

Class 3. No. 160727. Laboratories Vifor (India) Private Limited, a Company incorporated in India, of 85, Dr. Annie Besant Road, Bombay-400 018, State of Maharashtra, India. "Disposable Vial". 17th February, 1989.

Class 3. No. 160815. Ambitious GCID NIB Mfg. Company Private Limited. An Indian Company, C-101-Phase-I, Naraina Industrial Area, New Delhi-110064, India. "PEN". 14th March, 1989.

Class 3. No. 160844. Ahmed Oomerbhoy Private Limited, a Company registered under the Indian companies Act, 1956, of Ahmed Oomer Street, 170 Maulana Shaukat Ali Road, Bombay 400 008, Maharashtra, India, also trading Ahmed Mills, a firm registered under the provisions of Indian Partnership Act in Bombay, Maharashtra, India. "Container". 29th March, 1989.

Class 3. Nos. 160913 to 160920. Metro Tyres Limited, B-27, Focal Point, Ludhiana-10, (Punjab), India (An Indian Company duly registered under the Companies Act, 1956) of the above address. "Tyres". 20th April, 1989.

Class 3. No. 160923. Choonattu Joseph Joseph, Trading as Raisy Chem (India), 502, Krishnagar, Jeevan Bheema Nagar, HAL II Stage, Bangalore 560 008, Karnataka, India, an Indian National. "Containers". 24th April, 1989.

Class 3. No. 160935. International Business Machines Corporation, a corporation organised and existing under the laws of the State of New York, United States of America, of Armonk, New York-10504, United States of America. a "Portable Computer". Reciprocity date is 27th February, 1989 (U.K.).

Class 3. Nos. 160959 to 160961. **Bata India Limited**, 30, Shakespeare Sarani, Calcutta 700 017, West Bengal, India. "a sole for the footwear". 3rd May, 1989.

Class 3. No. 161172. **GEC Plessey Telecommunications Limited**, a British Company, of New Century Park, P.O. Box 53, Coventry CV3 1HJ, England. "a Telephone Handset Rest". Reciprocity date is 19th January, 1989. (U.K.).

Class 3. No. 161173. **GEC Plessey Telecommunications Limited**, a British Company, of New Century Park, P.O. Box 53, Coventry CV3 1HJ, England. Reciprocity date is 19th January, 1989 (U.K.).

Class 3. No. 161194. **Asha Handicrafts**, 84, Marol Co-operative Industrial Estate, Mathuradas Vasanji Road Marol, Andheri (E), Bombay-400 059, Maharashtra, India, an Indian Partnership firm. "Ice Container". 18th July, 1989.

Class 3. No. 161315. **Saloni Plastics & Precision**, 210, Sonal Industrial Estate, Ramchandra Lane, Malad (West) Bombay-400 064, State of Maharashtra, India, Proprietary concern. "Hair Brush". 18th August, 1989.

Class 4. No. 160989. **Beecham Fragrances S.A.**, a French company of 89 Avenue Niel, 75017 Paris, France. a "BOTTLE". 16th May, 1989.

Class 5. No. 160852. **National Dairy Development Board**, a body corporate constituted under the National Dairy Development Board Act, 1987 (37 of 1987), City of Anand 388 001, State of Gujarat, India. "Container". 29th March, 1989.

Class 7. No. 160988. **Jyotindra Chunibhai Chokhawala**, Trading as M/s. Monarch Engineers, 177/1, G.I.D.C. Estate, Naroda, Ahmedabad-382330 (Gujarat) India. "Domestic Flour Mill". 15th May, 1989.

Class 10. No. 160965. **Bata India Limited**, 30, Shakespeare Sarani, Calcutta 700 017, West Bengal, India. "for the footwear". 3rd May, 1989.

Copyright Extended for the Second period of five years

No. 158322.	Class 1
Nos. 156352, 157009, 159777, 159778, 158323.	Class 3
Nos. 154909, 154908, 154907.	Class 12

Copyright Extended for the Third period of five years

Nos. 156352, 157009, 159777, 159778, 147375.	Class 3
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Controller General of Patents, Designs
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